

GAGANDEEP SINGH

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EXPERIENCE

Undergraduate Researcher

Data Science Lab, IIIT Delhi

📅 January 2019 – February 2020 📍 New Delhi, India

- Working on finding frequent patterns in spacial domain.
- Working with Apache spark to implement co-location pattern mining.
- Comparing parallelised and sequential implementation of pattern mining.
- Version Control using Git

Software Engineering Intern

Camp-K12

📅 May 2018 – July 2018 📍 Gurgaon, India

- Worked in building an online video portal for interactive learning.
- Developing and maintaining frontend using React.js
- Working remotely on android development.
- Teaching students basics of programming in JAVA and Android
- Tracking issues and version control using Git.

PROJECTS

Delhi Riots Tweet Analysis

IIIT Delhi

📅 March 2020 – April 2020 📍 New Delhi, India

- Used **Tweepy API** to collect tweets from Twitter which talked about Delhi Riots.
- Used TFIDF model to predict the topic discussed in the tweet.
- Used Naive-Bayes Classifier to predict if a tweet is a rumour or not, 86% precision was achieved.
- The NB model was deployed using **Flask**.

Chain Reaction

IIIT Delhi

📅 Sept 2017 – Nov 2017 📍 New Delhi, India

- Created desktop replication of the game Chain Reaction.
- Added functionalities like keyboard play, sounds etc.
- A computer opponent AI was also developed.
- The app was built with JAVA and JavaFx framework implementing OOP concepts.

Departmental Store

IIIT Delhi

📅 Aug 2018 – Nov 2018 📍 New Delhi, India

- Created an e-commerce website selling daily item using **Ruby on Rails**.
- Added user based features like allowing user to download PDF copy of the receipt.
- Wrote unit tests using rspec.
- Developed frontend of the entire app.
- Project was implemented using Agile methodologies.

EDUCATION

B.Tech in Computer Science and Engineering

Indraprastha Institute of Information Technology

📅 August 2016 – May 2020

Senior Secondary(CBSE)

Adarsh Public School

📅 April 2015 – May 2016

Percentage: 96.6%

SKILLS

• Programming

JAVA Python Ruby JavaScript
ReactJS Ruby on Rails HTML CSS
JQuery Ajax NodeJS

• Development

MySQL Git Scikit-learn
Apache Spark OpenCV Numpy
Scipy

LINKS

- Codeforces: [gagan_6730](#)
- Leetcode: [gagan_6730](#)
- Github: [Gagan6730](#)
- Portfolio: [Gagan6730](#)
- LinkedIn: [Gagandeep Singh](#)

ACHIEVEMENTS

• Academic

Ranked 722 in Google Kickstart 2020 Round D
Ranked 37 in online hackathon based on Data Science and Machine Learning organised by ZS Associates
JEE Mains: Ranked among top 1% of 1.2 million students

• Miscellaneous

Represented Delhi state team in Football Nationals
Represented Adarsh Public School at Football and Roller Skating state competitions